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(71) Applicant (for all designated States except US): **KO-  
REA RESEARCH INSTITUTE OF BIOSCIENCE  
AND BIOTECHNOLOGY** [KR/KR]; 52 Oun-dong  
Yusung-ku, Taejeon-si 305-333 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KWON, By-  
oung-Mog** [KR/KR]; #110-1506 Hana Apt. Sin-  
seong-dong Yusung-ku, Taejeon-si 305-345 (KR).  
**SON, Kwang-Hee** [KR/KR]; #101-1303 Hanbit Apt.  
Oun-dong Yusung-ku, Taejeon-si 305-755 (KR). **HAN,  
Dong Cho** [KR/KR]; #401-1401 Expo Apt., Jeonmin-dong  
Yusung-ku, Taejeon-si 305-762 (KR). **KHO, Yung-Hee**  
[KR/KR]; #4-1004 Dongsan Apt., Kalma-dong Seo-ku,  
Taejeon-si 302-170 (KR). **CHUN, Hyo-Kon** [KR/KR];  
#308-1702 Daewoo Apt. Yeolmae Maeul Jijok-dong  
Yuseong-ku, Taejeon-si 305-330 (KR). **KIM, Hwan  
Mook** [KR/KR]; #133-1301 Hanbit Apt. 99 Oun-dong  
Yusung-ku, Taejeon-si 305-333 (KR). **LEE, Chang-Woo**  
[KR/KR]; #Nadong-102, Bugil Billa, 8-16 Deogam-dong,  
Daedeok-ku, Taejeon-si 306-803 (KR).

(74) Agent: **LEE, Won-Hee**; 8th Fl. Sung-ji Heights II 642-16  
Yoksam-dong Kangnam-ku, Seoul 135-080 (KR).

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(54) Title: PHARMACEUTICAL COMPOSITION FOR TREATING AND PREVENTING CANCER COMPRISING CINNA-  
MONI CORTEX EXTRACT AND ZIZYPHI FRUCTUS EXTRACT

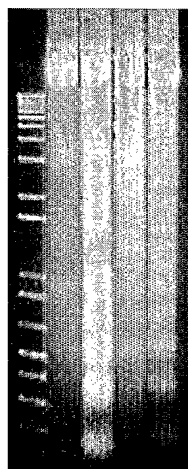
MDA-MB-231

SW620

DNA ladder  
Control (DMSO)  
HCA (10 $\mu$ M)  
HCA (30 $\mu$ M)



DNA ladder  
Control (DMSO)  
HCA (10 $\mu$ M)  
HCA (30 $\mu$ M)  
UV (15 min)



(57) Abstract: Disclosed is a pharmaceutical composition for treating and preventing cancer, comprising a Cinnamoni Cortex extract and a Zizyphi Fructus extract. The pharmaceutical composition has effects of inducing apoptosis of cancer cells and inhibiting metastasis of cancer cells, as well as having a synergistic effect in inhibiting the growth of cancer cells compared to the separate use of the two extracts. Also, because the two extracts are extracted from natural origins, the pharmaceutical composition has no toxicity and is thus able to be used as a safe anticancer agent having excellent therapeutic efficacy. Further, the pharmaceutical composition is capable of being used as a functional food for preventing and treating cancer.

WO 2005/063255 A1



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